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CLAIMS

What is claimed is:

1	1.	A hybrid computer/human computation method comprising:
2		a computer system receiving a first and a second subtask of a task;
3		the computer system dispatching the first subtask to a first human for
4	performance by said first human;	
5		the computer system receiving a first result from said first human for said first
6	subtask; and	
7		the computer system generating a result for said task based at least in part
8	on sa	id first result.

- 2. The method of claim 1, wherein
- the method comprises said computer system decomposing a task to be performed into at least a first and a second subtask, in lieu of said computer system receiving a first and a second subtask of a task.
- 1 3. The method of claim 1, wherein
- the method further comprises the computer system dispatching said second subtask to a second human for performance by the second human, and the computer system receiving a second result from the second human for said second subtask; and
 - the computer system further bases its generation of the result for said task on said second result.

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- 1 4. The method of claim 3, wherein
- 2 said task further comprising a third subtask, and the method further
- 3 comprises the computer system receiving and performing said third subtask
- 4 producing a third result; and
- 5 the computer system further bases its generation of the result for said task on
- 6 said third result.
- 1 5. The method of claim 1, wherein
- 2 the method further comprises the computer system performing said second
- 3 subtask producing a second result; and
- 4 the computer system further bases its generation of the result for said task on
- 5 said second result.
- 1 6. The method of claim 1, wherein said human is one of college educated, at
- 2 most high school educated, at most elementary school educated, and not formally
- 3 educated.
- 7. The method of claim 1, wherein said subtask is one of text, speech, sound,
- 2 and images related operations.
- 1 8. The method of claim 1, wherein said result is one of text, numbers, tuples,
- and sound.
- 1 9. The method of claim 1, wherein said task is one of text classification, image
- 2 comparison, image processing, speech comparison, speech recognition, conversion
- 3 of speech into text, and comparison of music samples.

- 1 10. The method of claim 1, wherein said task is associated with one or more
- 2 attributes, wherein the attributes include an accuracy attribute, a security attribute, a
- 3 timeout attribute, a maximum time spent attribute, a maximum cost per task
- 4 attribute, and a maximum total cost attribute.

- 1 11. The method of claim 1, wherein said task is associated with one or more
- 2 attributes, and said attributes include an accuracy attribute.
- 1 12. The method of claim 11, wherein the method further comprises dispatching
- 2 said first subtask to N1 1 additional humans to perform said subtask, and said
- 3 accuracy comprises a selection of one of majority governs, and at least N2 agreed
- 4 answers, wherein N2 and N1 are integers, with N2 greater than N1.

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- 1 13. The method of claim 12, where the method further comprises tracking the
- 2 accuracy of the humans.
- 1 14. The method of claim 12, where said generation of the result further takes into
- 2 consideration the accuracy of the humans.
- 1 15. The method of claim 1, wherein said task is associated with one or more
- 2 attributes including a security attribute, and said security attribute comprises a
- 3 selection of one of a "strict" security level, a "lax" security level, and "no" security
- 4 level.

- 1 16. The method of claim 1, wherein said task is associated with one or more
- 2 attributes, and said attributes include a "maximum time" attribute specifying a

- 3 maximum amount of time to be spent by an assigned human to perform said first
- 4 subtask.

- 1 17. The method of claim 1, wherein said task is associated with one or more
- 2 attributes, and said attributes include a maximum cost per task attribute.
- 1 18. The method of claim 1, wherein said task is associated with one or more
- 2 attributes, and said attributes include a maximum total task cost attribute.
- 1 19. A storage medium having stored therein a plurality of programming
- 2 instructions that are machine executable, wherein when executed, said instructions
- 3 operate to receive a first and second subtask of a task, dispatch the first subtask to
- 4 a first human for performance by said first human, receive a first result from said first
- 5 human for said first subtask, and generate a result for said task based at least in
- 6 part on said first result.
- 1 20. The storage medium of claim 19, wherein said instructions, when executed,
- 2 operate to decompose a task to be performed into at least a first and second
- 3 subtask, in lieu of receiving a first and second subtask of a task.
- 1 21. The storage medium of claim 19, wherein said instructions, when executed,
- 2 further operate to dispatch said second subtask to a second human for performance
- 3 by the second human, receive a second result from the second human for said
- 4 second subtask, and generate the result for said task further based on said second
- 5 result.

- 1 22. The storage medium of claim 21, wherein said instructions, when executed,
- 2 further operate to decompose said task into at least said first, said second, and a
- 3 third subtask; perform said third subtask producing a third result; and generate the
- 4 result for said task further based on said third result.

- 1 23. The storage medium of claim 19, wherein said instructions, when executed,
- 2 further operate to perform said second subtask producing a second result, and
- 3 generating the result for said task further based on said second result.
- 1 24. The storage medium of claim 19, wherein said human is one of college
- 2 educated, at most high school educated, at most elementary school educated, and
- 3 not formally educated.
- 1 25. The storage medium of claim 19, wherein said subtask is one of text and
- 2 speech.
- 1 26. The storage medium of claim 19, wherein said result is one of text, numbers,
- 2 and tuples.
- 1 27. The storage medium of claim 19, wherein said task is one of text
- 2 classification, image comparison, image processing, speech comparison, speech
- 3 recognition, conversion of speech into text, and comparison of music samples.
- 1 28. The storage medium of claim 19, wherein said task is associated with one or
- 2 more attributes, wherein the attributes include an accuracy attribute, a security
- 3 attribute, and a timeout attribute.

- 1 29. The storage medium of claim 28, wherein said instructions, when executed,
- 2 further operate to dispatch said first subtask to N1 1 additional humans to perform
- 3 said first task, and said accuracy includes one of a majority govern, and at least N2
- 4 agreed results, wherein N2 and N1 are integers, with N1 greater than N2.

- 1 30. The storage medium of claim 28, wherein said security includes one of a
- 2 strict security level, a lax security level, and no security level.
- 1 31. The storage medium of claim 19, wherein said task is associated with one or
- 2 more attributes, wherein the attributes include a maximum time to be spent on a
- 3 task, a maximum cost to incur per task, and a maximum total cost for the task.
- 1 32. An apparatus comprising:
- 2 a storage medium having stored therein a plurality of programming
- 3 instructions that are machine executable, wherein when executed, said instructions
- 4 operate to receive a first and a second subtask of a task, dispatch the first subtask
- 5 to a first human for performance by said first human, receive a first result from said
- 6 first human for said first subtask, and generate a result for said task based at least
- 7 in part on said first result; and
- 8 a processor coupled to said storage medium to execute said instructions.
- 1 33. The apparatus of claim 32, wherein said instructions, when executed, further
- 2 operate to decompose a task to be performed into at least a first and a second
- 3 subtask, in lieu of said instructions operate to receive a first and a second subtask of
- 4 a task.

- 1 34. The apparatus of claim 32, wherein said instructions, when executed, further
- 2 operate to dispatch said second subtask to a second human for performance by the
- 3 second human, receive a second result from the second human for said second
- 4 subtask, and generate the result for said task further based on said second result.

- 1 35. The apparatus of claim 34, wherein said instructions, when executed, further
- 2 operate to decompose said task into at least said first, said second, and a third
- 3 subtask; perform said third subtask producing a third result; and generate the result
- 4 for said task further based on said third result.

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- 36. The apparatus of claim 32, wherein said instructions, when executed, further
- 2 operate to perform said second subtask producing a second result, and generating
- 3 the result for said task further based on said second result.
- 1 37. The apparatus of claim 32, wherein said human is one of college educated,
- 2 at most high school educated, at most elementary school educated, and not formally
- 3 educated.
- 1 38. The apparatus of claim 32, wherein said subtask is one of text and speech.
- 1 39. The apparatus of claim 32, wherein said result is one of text, numbers, and
- 2 tuples.
- 1 40. The apparatus of claim 32, wherein said task is one of text classification,
- 2 image comparison, image processing, speech comparison, speech recognition,
- 3 conversion of speech into text, and comparison of music samples.

- 1 41. The apparatus of claim 32, wherein said task is associated with one or more
- 2 attributes, wherein the attributes include an accuracy attribute, a security attribute, a
- 3 timeout attribute, a maximum time for a task attribute, a cost per task attribute, and
- 4 a maximum task cost attribute.

- 1 42. The apparatus of claim 41, wherein said instructions, when executed, further
- 2 operate to dispatch said first subtask to N1 1 additional humans to perform said
- 3 first subtask, and said accuracy includes one of a majority govern, and at least N2
- 4 agreed results, wherein N2 and N1 are integer number with N1 greater than N2.

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- 43. The apparatus of claim 42, where said instructions, when executed, further track
- 2 the accuracy of the humans.
- 1 44. The apparatus of claim 42, where said instructions, when executed, further take
- 2 into consideration the accuracy of the humans when generating the result.
- 1 45. The apparatus of claim 41, wherein said security includes one of a strict
- 2 security level, a lax security level, and no security.